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C Lab.



Soyeon Kim
sykim77kr@gmail.com



*Computer
Communication Lab.*



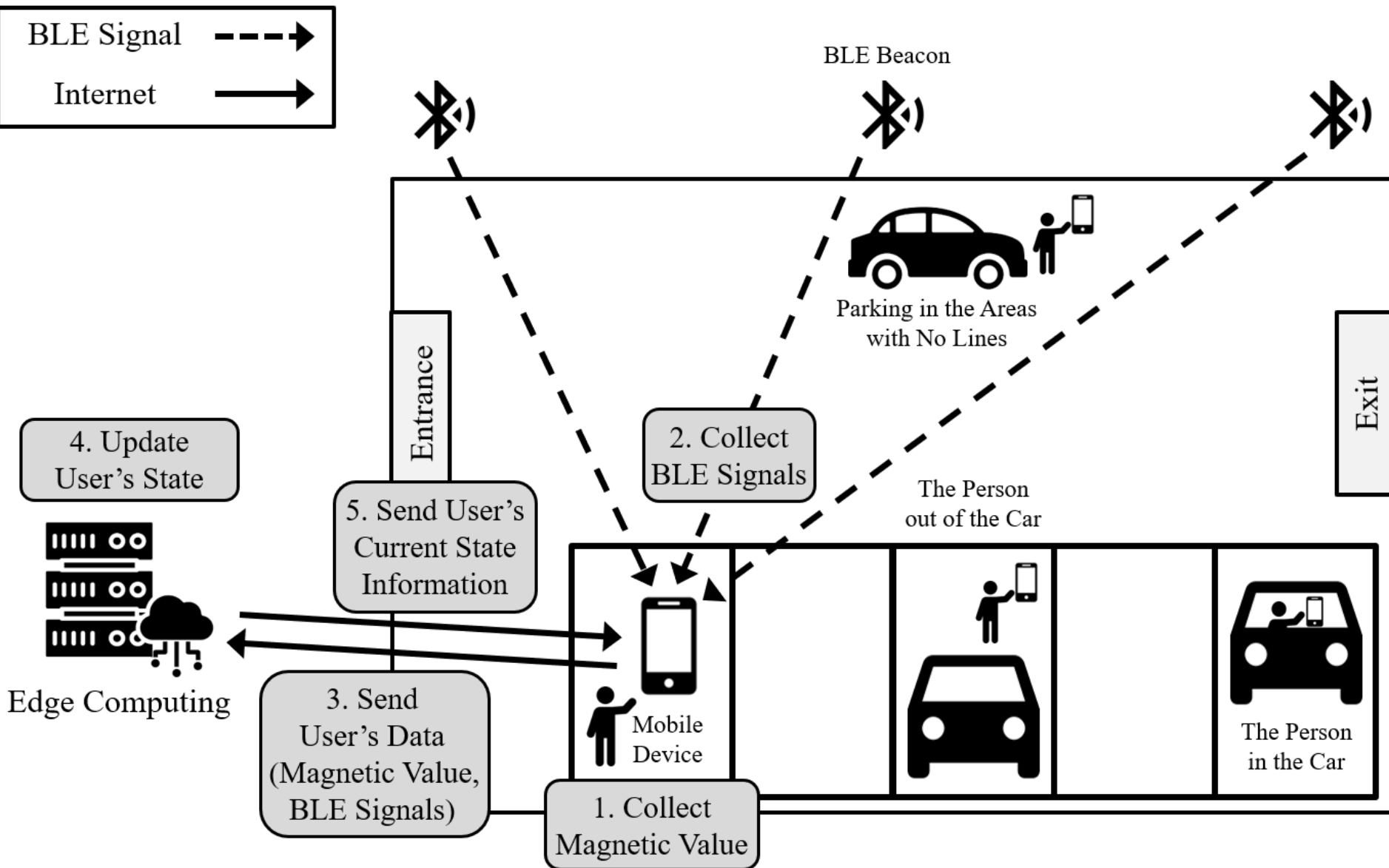
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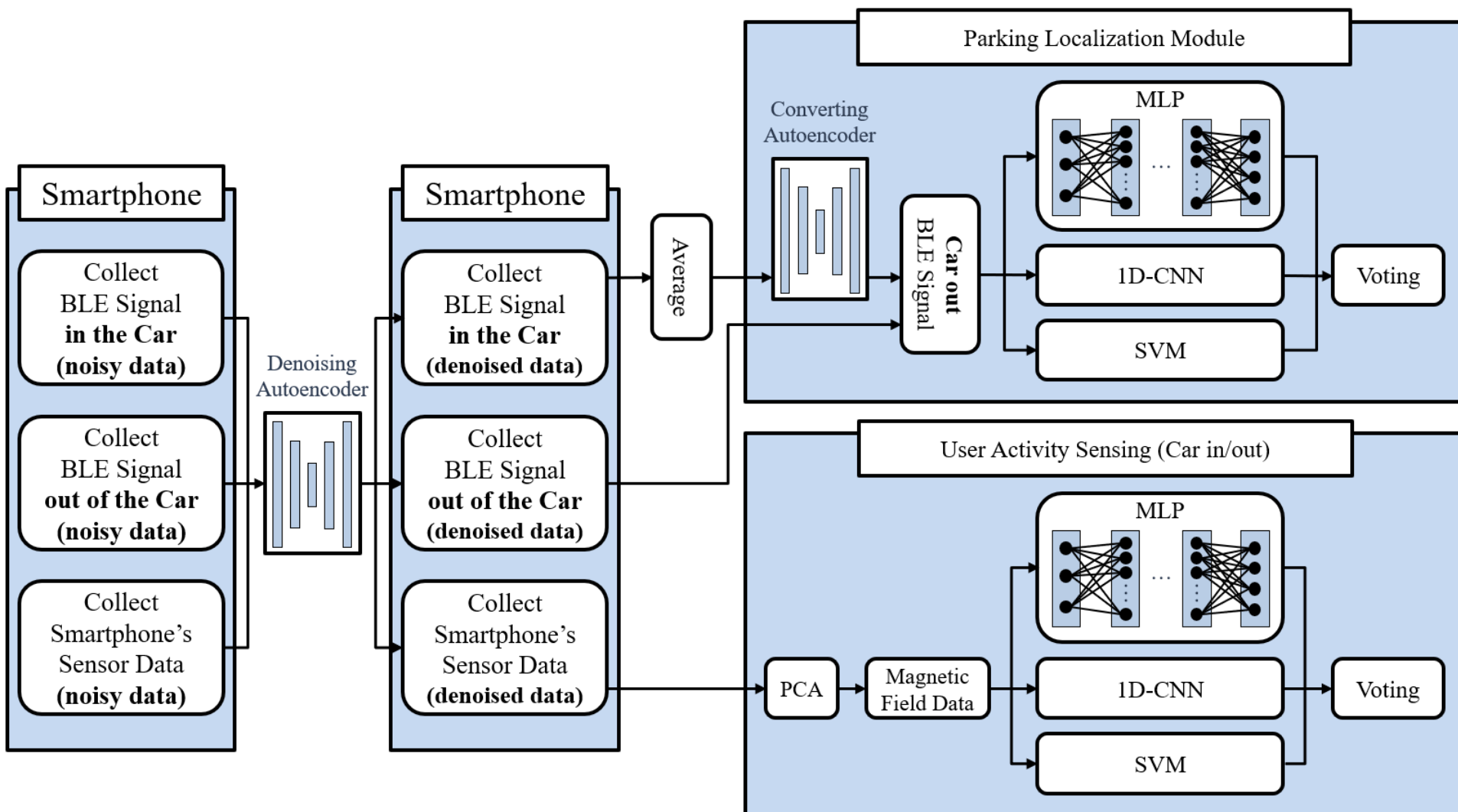


System Architecture





Framework





◆ Chungbuk National University Dormitory Parking Lot (E8-11)



◆ iBeacon





Experiment Environments

Mobile OS	Android 8.0
Server OS	Ubuntu 16.04.6 LTS
Number of beacon	3
BLE beacon broadcast interval	100ms
BLE beacon installed height	Roughly 4.5m
Number of parking spot	8 for parking spot, 2 for parking in the area with no lines
Used sensor	Magnetometer
Number of collected data (per parking spot)	6000

